FOR MYSORE STATE

Food and Agri. (1950) Department.

Ms. SERIES.

G.O. NO. Food and Agri 1035

Dated 29th May 50

[Despatch Abstract.]

Agri - G. M. F Windmills for irrigation purposes - Installation at Selected centres in Madras State Suggestion regarding - Replied to -

Abstract:

,AGRICULTURE - Grow More Food - Windmills for irrigationpurposes - Installation at select centres in Madras State - Suggestion - Regarding - Replied to.

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FOOD AND AGRICULTURE DEPARTMENT M

G.O. No. Ms. 1035 Dated 29--5--1950.

READ:

From the Joint Director of Agriculture Letter No. D.Dis. H 5028/49 Dated 11-2--1950 addressed to Board of Revenue (F.P.) And copied to Government.

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ORDER:

The letter in the Annexure II will be sent to the Government of India, Ministry of Agriculture with reference to their letter No.F.23-90/49 GMF, dated 3-1-1949, reproduced in Annexure I.

2. The Joint Director of Agriculture is requested to submit to Government with his recommendation any applications for loan from bonafide parties for a loan from the Government of India for the installation of windmills for agricultural purposes. The Joint Director of Agriculture is also requested to give all possible technical advice to such parties. The offer of such assistance may be published in the Grow More Food Departmental Journals for general information.

(BY ORDER OF HIS EXCELLENCY THE GOVERNOR OF MADRAS.)

N. Murugesa Mudaliar,

Deputy Secretary to Government.

To

Joint Director of Agriculture.

The Board of Revenue (F.P.)

The Joint Director of Industires and Commerce.

Compared
N. Raghavan
R. Mohammad

Copy of letter No.F.23-90/49-G.M.F. From the Government of India, Ministry of Agriculture, Sri. S.T. RAJA, B.A.LL.B., Bat at law, Under Secretary, Ministry of Agriculture, Government of India. to All Provincial Governments/ State Governments/ Local Administrations.

Sub: Installation of windmills for irrigation purposes.

Sir,

I am directed to say that the uestion of installing windmills at suitable places for the purpose of drawing water for utilizing it for agricultural purposes has been under theactive consideration of the Government of India for some time. The expert committee which examined this question in all its aspects arrived at the foolowing tentative conclusions;-

(A) That windmills could not work in places where the velocity of wind was less than six miles per hour

(B) That the high velocity of wind during the monsoon period would notbe of much use because the point of time when the irrigation is required is actually after the monsoon. The velocity of wind should therefore be six miles or more normally during the season when irrigation is required most

(C) That the scheme could only be operated in certain parts of the country where weather conditions were favourable for operating the windmills.

(D) That it would be desirable to start in the first instance with a very small number of windmills at suitable places after collecting the basic data, and then to extend the operations if the initial expeience is found to be favourable.

(E) That the following cities or sites adjoining them would be considered suitable for initiating the experiment:.

*1. Allahabad.	7. Poona.
2. Ahmedabad.	8. Belgaum.
3. Rajkot	9. Malegaon.
4. Bhuj.	10. Coimbatore.
5. Pusa.	11. Trichnopoly.
6. Bombay.	12. Vizagapatam.

The est mate of expenditure on an average windmill installation on a 40 feet tower with pumping and other accessories is estimated to be about Rs.3,000/- Similarly the cost of average storage tank which may be necessary to attach to the wind mill would be approximately Rs.1500/-. The total cost of the unit would, therefore, be about Rs.4,500/- A statement showing the estimate of expenditure prepared by the experts of this Ministry is attached hereto.

The Provincial and State Governments are requested to examine the possibility of starting such windmills in the respective regions and to formulate the schemes which would be treated as being eligible for a loan from Grow More Food funds.

Yours faithfully,

S.T. RAJA,

Under Secretary.

APPROXIMATE ESTIMATE OF COST OF A WIND MILL INSTALLATION.

	Rs.
40' high wind Mill Tower ex-factory.	500
Wheel and accessories.	1000
Pump and accessories.	400
Freight, insurance import duties etc.	650
Erection and test ng.	450
Large size masonry storage Tank.	1500
	4500

Compared
N. Raghavan.
R. Rohatkandi
1917

Food and Agriculture.

Letter No.6449 M/49

To

The Secretary to the Government of India.

Ministry of Agriculture, New Delhi.

Sir,

Fort St. George, dated the 29th May 1950.

Sir,

SUB: AGRICULTURE - Grow More Food - Windmills - Installation in Madras State.

Ref: Correspondnce ending with Shri S.T. Raja's letter No.F.23-90/49 G.M.F.Co, d/22--5--50.

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With reference to the Government of India's letter No. F 23-90/49 G.M.F. Dated 5--12-1949, I am directed to state that the question of installing windmills in this State at suitable places was experimented on before and it was found that the wind velocity in most places in this State was insufficient for their effective operation. In view of this Government consider that it is not economical and practicable for Government to install windmalls for irrigation purposes in different centres in this State including Coimbatore, Tiruchirapalli and Vizakhapatnam. The Government however, propose to recommend to the Government of India for a loan offered by them if any private party wishes to install a windmi and desires to have financial assistance by way of loan and the Government will give the parties all technical advice in the installation of such windmills through the staff of the Engineering brach of the Agricultural Department.

Yours faithfully,

N. Murugesa Mudaiar,

Copy to the Joint Director of Agriculture,

The Joint Director of Industries and Commerce.

The Board of Revenue (Food Production)

(TRUE COPY)

Superintendent.

v.n.m. 9/7/53

Compared.